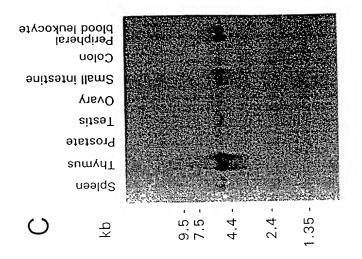
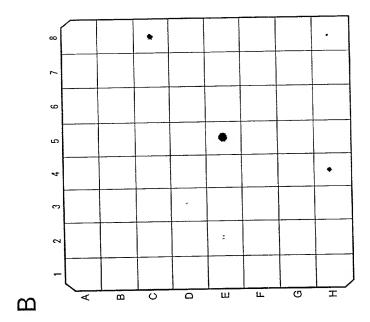
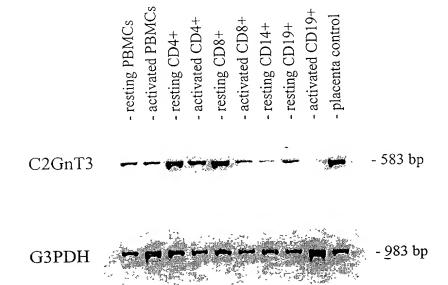
## C2GnT3

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| VRN-RKTHVKDEVRYEV<br>CRNIDANFLKLPAKRSI<br>-HHELAGENPSS-DI<br>ISDELKLTQ                          |  |  | TO SEE TO | CCAAELRWI<br>CACOLLWW<br>CACOLLWW<br>COACOLLWW   |   |
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| <br>  |  |  |  |  | ** ** ** **   |
| C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT  | C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT   | C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT   | C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT   | C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT   | C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT                                    |
| C2GnT<br>C2GnT<br>C2GnT<br>IGnT   | 26n'<br>26n'<br>26n'<br>6nT  | C2GnT<br>C2GnT<br>C2GnT<br>IGnT  | C2GnT<br>C2GnT<br>C2GnT<br>IGnT  | C2GnT<br>C2GnT<br>C2GnT<br>IGnT  | C2GnT3<br>C2GnT2<br>C2GnT1<br>IGnT                                    |
| $\circ \circ \circ \vdash$  | OOOA   | OOOA   | ОООН   | ОООН   | OOOH  |
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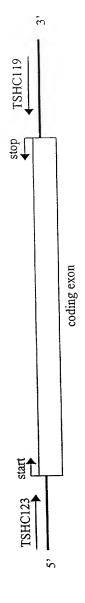




| ω | medulia<br>oblongata |                                   | stomach            | mammary<br>gland   | bone                    |          |                 | human<br>DNA                    |
|---|----------------------|-----------------------------------|--------------------|--------------------|-------------------------|----------|-----------------|---------------------------------|
| 7 | hippo-<br>campus     | spinal                            | prostate           | salivary<br>gland  | lymph<br>node           |          | fetai<br>lung   | human<br>DNA                    |
| 9 | frontal              | sub-<br>thalamic<br>nucteus       | uterus             | thyroid<br>gland   | peripheral<br>leukocyte |          | fetal<br>thymus | human<br>C <sub>o</sub> t 1 DNA |
| 5 | cerebral             | thalamus                          | bladder            | adrenal            | thymus                  |          | fetal<br>spleen | Poly r(A)                       |
| 4 | cere.<br>bellum      |                                   | colon              | pituitary<br>gland | spleen                  | placenta | feta!<br>Iiver  | E coli<br>DNA                   |
| m | caudate              | substantia temporal<br>nigra lobe | skeletal<br>muscle | pancreas           | small                   | trachea  | fetal<br>kıdney | E coli<br>rRNA                  |
| 2 | amygdala<br>(brain)  | putamen                           | aorta              | ovary              | live                    | lung     | fetal<br>heart  | yeast                           |
| - | whole                | occipital                         | neart              | testis             | kıdney                  | appendix | fetal           | yeast<br>total RNA              |
|   | ⋖                    | ω                                 | U                  | ے ہ                | ш                       | LL.      | O               | I                               |



## C2GnT3



TSHC123: 5'-GGGCAGCATTTGCCTAGTATG-3'

TSHC119: 5'-GATCTCTGATTTGGCTCAGTG-3'